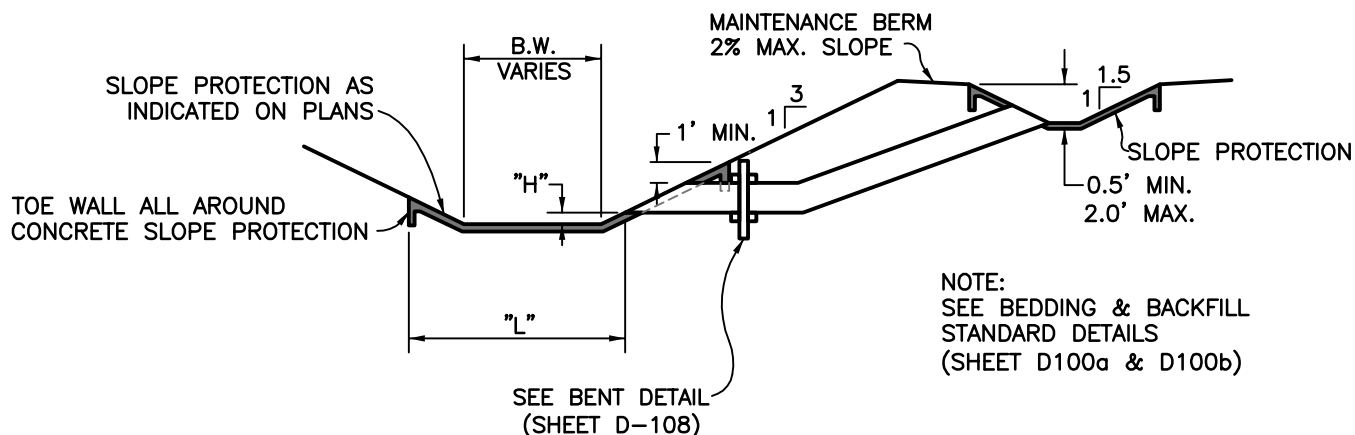


PLAN VIEW



PROFILE

PIPE DIA.	SLOPE	VELOCITY
24"	0.6%	3.25 f.p.s.
36"	0.3%	3.00 f.p.s.
42"	0.2%	2.75 f.p.s.
48"	0.2%	3.00 f.p.s.
54"	0.2%	3.25 f.p.s.

"H" : FOR PIPE SIZES UP TO 42" H = 3 FT. MAX.
AND 1 FT. MIN.
FOR PIPE SIZES OVER 48" H = 1 FT. MAX.
AND MIN.

"L" : $\frac{B.W.}{PIPE\ SIZE} \leq 7' - 6"$ → "L" WILL EXTEND ONE
PIPE Ø ABOVE FL ON
OPPOSITE BANK (MIN.)

$\frac{B.W.}{PIPE\ SIZE} > 7' - 6"$ → "L" = 6 Ø OR MIN. 1' - 6"
INTO B.W. WHICHEVER IS
GREATER

NOTE: MAX. BACKSLOPE DRAIN SPACING SHALL BE 800 FT.
OR 400 FT. TO THE SWALE HIGH POINT.

NOTES:

1. THE MINIMUM THICKNESS OF CONCRETE SLOPE
PAVING USED SHALL BE (5") FIVE INCHES.

THE CITY OF ROSENBERG, FORT BEND COUNTY, TEXAS
DEPARTMENT OF PUBLIC WORKS

TYPICAL BACKSLOPE DRAIN

DESIGN:	CAD:	SCALE:	DATE:	DRAWING:
CAK	STAFF	NTS	11/10	D-110